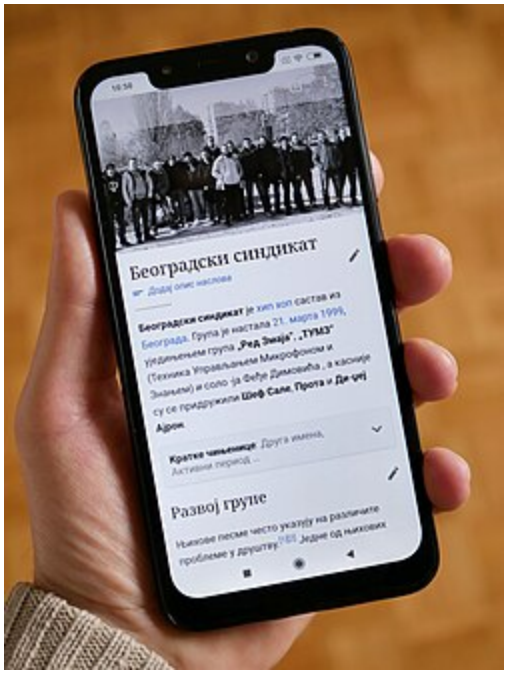
WIKIPEDIA 25
25 years of the free encyclopedia

Xiaomi Pocophone F1

The **Xiaomi Pocophone F1** (**Xiaomi Poco F1** in India) is a smartphone developed by Xiaomi Inc, a Chinese electronics company based in Beijing.[4] It was announced on 22 August 2018 in New Delhi, India. Though part of Xiaomi's line of mid-range devices, it is equipped with high-end specifications. The device is available globally in limited numbers, except for India where it enjoys wide availability.[5][6][7] The Pocophone was often considered to be a flagship model of the Redmi line of 2019, although officially marketed as a separate and distinct model.

Xiaomi Pocophone F1
(Xiaomi Poco F1 in India)



Xiaomi Pocophone F1 front

Manufacturer	Xiaomi
Type	Phablet
Series	Poco F
First released	August 2018
Predecessor	Redmi Pro
Successor	Redmi K20 Pro Redmi K30 Pro/Poco F2 Pro
Related	Xiaomi Mi 8
Compatible networks	GSM / HSPA / LTE
Form factor	Slate
Dimensions	H: 155.5 mm (6.12 in) W: 75.3 mm (2.96 in) D: 8.8 mm (0.35 in)
Weight	182 g (6.4 oz) Armored 187 g (6.6 oz)
Operating system	**Original:** MIUI 9.6 based on Android 8.1 Oreo

Specifications

Hardware

The Pocophone F1 runs on a Snapdragon 845 (10 nm) SoC with an Adreno 630 to handle graphics. It features a 6.18" IPS LCD capacitive touchscreen screen with an aspect ratio of 18.7:9 and a resolution of 1080 x 2246 pixels. The display also has a wide notch at the top. There is also the Gorilla Glass 3 protection. this phone has gone for a polycarbonate body.[8][9] Another variant of the Pocophone F1, dubbed the Armoured Edition, had a kevlar finish on the back of the phone as opposed to the polycarbonate.

Camera

The Pocophone F1 has dual rear cameras based on Sony's Exmor RS (stacked CMOS) IMX363 1/2.55" sensor with 12 MP, $f/1.9$ aperture and 1.4 µm pixel size. It has dual pixel Phase detection autofocus (PDAF). The secondary camera acts as a depth sensor with 5 MP, aperture $f/2.0$ and pixel size of 1.12 µm and a dual-LED flash. The camera has HDR and panorama options. Video can be made in 2160p@60 fps, 1080p@60 fps (gyro-EIS), or 1080p@960 fps mode. The camera has a manual mode as well; users can adjust white balance

(presets and light temperature), set a shutter speed (1/1000s to 32s) and ISO (100-3200). There is also a manual focus with focus peaking. A software update in January 2019 added 960fps slo-mo video recording and night mode.[10]

At the front, the device features a 20 MP selfie camera with $f/2.0$ aperture and 0.9 µm pixel size, which has HDR software and analytic capabilities coupled with 2 µm large-pixel (4-in-1 Super Pixel) technology. Selfie software includes *AI Beautify 4.0* and precise bokeh effects. Video can be recorded at 1080p@30 fps. There is also an infrared light sensor and infrared camera for facial recognition.[11]

Pictures can be taken in JPEG or RAW format (RAW in DNG format is available on the Open Camera application and Google Camera Ports). The camera app has an option of including watermarks in the picture.

Battery

The Pocophone F1 has a 4000 mAh Li-Po battery.[7] The battery is 18 W "Quick Charge™ 3.0" type developed by Qualcomm[12] where the port (USB Type-C port) is vastly superior to standard USB. It has 94 h of endurance as tested by GSMarena.[11]

Memory

The Pocophone F1 comes with internal storage options of 256 GB/8 GB RAM or 64/128 GB with 6 GB RAM; both have expandable memory through a microSD card up to 256 GB which uses up the second SIM slot.

Software

The Pocophone F1 runs on MIUI 11 based on Android 10. Since 4 March 2020, the software is upgradable to a stable version of Android 10.[13]

There is a large software modding community for the Poco F1. There are a huge variety of aftermarket custom ROMs or operating systems for the end user to install as they wish (after the user unlocks their bootloader).

	Current: MIUI 12 based on Android 10 **Unofficial:** Android 15 through various custom roms PostmarketOS Installation wiki[1] Mobian Installation images[2] Windows through Renegade Project[3]
CPU	Qualcomm Snapdragon 845 Octa-core (4x2.8 GHz Kryo 385 Gold & 4x1.8 GHz Kryo 385 Silver)
GPU	Adreno 630
Memory	6/8 GB
Storage	256 GB/8 GB RAM 64/128 GB, 6 GB RAM
Removable storage	microSD, up to 256 GB
Battery	4000 mAh non-removable Li-Po (Quick Charge™ 3.0 and Supports Quick Charge™ 4+)
Rear camera	12 MP ($f/1.9$, 1.4 µm), phase detection autofocus, dual-LED dual-tone flash, Geo-tagging, touch focus, face detection, panorama, HDR, 4K UHD@60fps, 4K UHD@30fps, 2160p@30fps, 2160p@60fps, 1080p@60fps, 1080p@30fps (gyro-EIS), 720p@30fps,
Front camera	20 MP, HDR, 1080p@30fps
Display	6.18 inches (96.2 cm^2) 1080 x 2246 pixels (403 ppi), 18,7:9 ratio, IPS LCD capacitive touchscreen, 16M colors, 1500:1 contrast ratio

Connectivity	2G, 3G, 4G, 4G LTE, Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, DLNA, hotspot, Bluetooth v5.0, A2DP, LE, aptX HD
Codename	**Beryllium**
Other	AGPS, GPS, GLONASS, BDS, Infrared face recognition, fingerprint (rear-mounted), accelerometer, gyro, proximity, compass, LiquidCool Technology
Website	Official website (https://www.poco.net/global/)

Sales

Since it was announced in August 2018, it instantly became Xiaomi's bestseller with 700,000 units sold until 6 December 2018. It was the top rated smartphone of Q3 2018 in India.[14]

Issues

Early copies of the phone had screen bleeding issues. Some users of the international version of the phone reported issues related to an oversensitive screen.[15]

Upon release, the device came with Google's Widevine L3 certification, but with a software update released in February 2019, the phone promptly received L1 certification. This allowed users to playback DRM-protected content without any restrictions.[16]

The phone also allows HDR playback from the YouTube app even though the display does not have the feature, causing the videos to look washed out, grey and a bit darker compared to videos that aren't HDR.

The display on some units suffer from screen retention even after being replaced with a new and original display. The temporary solution some users found is to turn off the display for a few seconds to a minute and then turn it on again.

Xiaomi Pocophone F1 backplate

Reception

The Pocophone F1 received very positive reviews. Media outlets described the device as a flagship smartphone at a bargain price.[22] Among the pros are a good camera and a strong battery.[7] The Pocophone F1 was the runner-up of MKBHD's blind smartphone camera test in 2018.[23] It also received a score of 91 from DxOMark, placing it in between the iPhone 8 and the Google Pixel.[24] The phone was positively reviewed by GSMarena in 2019 but they noted that the built in speakers are not the best and that some may not like MIUI.[25]

References

1. "Xiaomi Poco F1 (Xiaomi-beryllium) - postmarketOS" (https://wiki.postmarketos.org/wiki/Xiaomi_Poco_F1_(xiaomi-beryllium)).

2. "Install-android [Mobian Wiki]" (https://wiki.mobian.org/doku.php?id=install-android).
3. "Xiaomi Pocophone F1 (beryllium) | Renegade Project" (https://renegade-project.tech/en/devices/xiaomi/beryllium/).
4. "Watch the Xiaomi Pocophone F1 announcement live here" (https://www.gsmarena.com/watch_xiaomi_pocophone_f1_live_stream_here-news-32878.php). *Digital Trends*. 2018-08-22. Archived (https://web.archive.org/web/20180822110911/https://www.gsmarena.com/watch_xiaomi_pocophone_f1_live_stream_here-news-32878.php) from the original on 2018-08-22. Retrieved 2018-03-01.
5. "Pocophone F1 by Xiaomi review" (https://www.gsmarena.com/xiaomi_pocophone_f1-review-1808.php). *gsmarena.com*. Archived (https://web.archive.org/web/20180822165438/https://www.gsmarena.com/xiaomi_pocophone_f1-review-1808.php) from the original on 2018-08-22. Retrieved 2018-08-22.
6. "Xiaomi Pocophone F1 Smartphone Review" (https://www.notebookcheck.net/Xiaomi-Pocophone-F1-Smartphone-Review.336574.0.html). *notebookcheck.net*. October 2018. Archived (https://web.archive.org/web/20181011220111/https://www.notebookcheck.net/Xiaomi-Pocophone-F1-Smartphone-Review.336574.0.html) from the original on 2018-10-11. Retrieved 12 November 2018.
7. "Pocophone F1 Review" (https://www.trustedreviews.com/reviews/xiaomi-pocophone-f1). *trustedreviews.com*. 21 September 2018. Archived (https://web.archive.org/web/20181019173855/https://www.trustedreviews.com/reviews/xiaomi-pocophone-f1) from the original on 2018-10-19. Retrieved 12 November 2018.
8. "Xiaomi's Poco F1 first impressions: At Rs 20,999, is this competition for OnePlus?" (https://indianexpress.com/article/technology/mobile-tabs/xiaomis-poco-f1-first-impressions-price-in-india-specifications-5319702/). *The Indian Express*. 2018-08-23. Retrieved 2021-09-13.
9. "Poco F1 Specifications, Features and Price" (https://gadgets.techlomedia.in/xiaomi-poco-f1-4535.html). *techlomedia gadgets*. Archived (https://web.archive.org/web/20190809045215/https://gadgets.techlomedia.in/xiaomi-poco-f1-4535.html) from the original on 2019-08-09. Retrieved 2019-06-30.
10. "The Pocophone F1 finally gets 960fps slo-mo video recording and night mode" (https://www.gsmarena.com/the_pocophone_f1_finally_gets_960fps_slomo_video_recording_and_night_mode-news-35134.php). *gsmArena*. 18 January 2019. Archived (https://web.archive.org/web/20190119050955/https://www.gsmarena.com/the_pocophone_f1_finally_gets_960fps_slomo_video_recording_and_night_mode-news-35134.php) from the original on 19 January 2019. Retrieved 19 January 2019.
11. "Xiaomi Pocophone F1" (https://www.gsmarena.com/xiaomi_pocophone_f1-9293.php). *gsmarena.com*. Archived (https://web.archive.org/web/20181024184330/https://www.gsmarena.com/xiaomi_pocophone_f1-9293.php) from the original on 2018-10-24. Retrieved 12 November 2018.
12. "Quick Charge 4.0+ Battery Charger ICs" (https://www.qualcomm.com/products/quick-charge-3). *www.qualcomm.com*. Qualcomm. Archived (https://web.archive.org/web/20181011081127/https://www.qualcomm.com/products/quick-charge-3) from the original on 2018-10-11. Retrieved 12 November 2018.
13. "Xiaomi Pocophone F1 gets an upgrade: Welcome Android 10" (https://www.androidauthority.com/xiaomi-pocophone-f1-android-10-1090574/). *Android Authority*. 2020-03-06. Retrieved 2020-06-21.
14. Yordan. "Xiaomi sells 700,000 Pocophone F1 units in 3 months" (https://www.gsmarena.com/xiaomi_700k_pocophone_f1_3_months-news-34581.php). *www.gsmarena.com*. Archived (https://web.archive.org/web/20181206155033/https://www.gsmarena.com/xiaomi_700k_pocophone_f1_3_months-news-34581.php) from the original on 6 December 2018. Retrieved 6 December 2018.
15. "Xiaomi Poco F1 screen bleeding issue appears " (https://www.gizmochina.com/2018/09/11/xiaomi-poco-f1-screen-bleeding-issue-appears/). *www.gizmochina.com*. 11 September 2018. Retrieved 22 August 2019.

16. "The Xiaomi POCO F1 gets Widevine L1 support in the latest MIUI beta" (https://www.xda-developers.com/xiaomi-poco-f1-widevine-l1-miui-beta/). *XDA*. 2019-02-25. Retrieved 2022-08-01.
17. Kelion, Leo (22 August 2018). "Xiaomi phone threatens a price war" (https://www.bbc.com/news/technology-45273087). *BBC News*. Archived (https://web.archive.org/web/20191130221652/https://www.bbc.com/news/technology-45273087) from the original on 30 November 2019. Retrieved 2020-02-20.
18. Liao, Shannon (22 August 2018). "Xiaomi's new Pocophone F1 undercuts rivals with a low price and high-end processor" (https://www.theverge.com/2018/8/22/17760932/xiaomi-pocophone-f1-low-price-high-end-processor). *The Verge*. Archived (https://web.archive.org/web/20191207215240/https://www.theverge.com/2018/8/22/17760932/xiaomi-pocophone-f1-low-price-high-end-processor) from the original on 7 December 2019. Retrieved 2020-02-20.
19. Bhagat, Hitesh Raj (29 August 2018). "Poco F1 review: A 'little' phone with global aspirations" (https://economictimes.indiatimes.com/magazines/panache/poco-f1-review-a-little-phone-with-global-aspirations/articleshow/65587903.cms). *The Economic Times*. Archived (https://web.archive.org/web/20200228122337/https://economictimes.indiatimes.com/magazines/panache/poco-f1-review-a-little-phone-with-global-aspirations/articleshow/65587903.cms) from the original on 28 February 2020. Retrieved 2020-02-20.
20. Velazco, Chris (22 August 2018). "Finally, a cheap smartphone with true flagship power" (https://www.engadget.com/2018/08/22/pocophone-f1-hands-on/). *Engadget*. Archived (https://web.archive.org/web/20191207215238/https://www.engadget.com/2018/08/22/pocophone-f1-hands-on/) from the original on 2019-12-07. Retrieved 2020-02-20.
21. Vogel, Sandra. "Xiaomi Pocophone F1, hands on: A flagship-class handset that won't break the bank Review" (https://web.archive.org/web/20191004133444/https://www.zdnet.com/product/xiaomi-pocophone-f1/). *ZDNet*. Archived from the original (https://www.zdnet.com/product/xiaomi-pocophone-f1/) on 2019-10-04. Retrieved 2020-02-20.
22. [6][17][18][19][20][21]
23. "The Blind Smartphone Camera Test 2018" (https://www.youtube.com/watch?v=_5-bo8a4zU0). *YouTube*. 3 December 2018. Archived (https://web.archive.org/web/20181204203449/https://www.youtube.com/watch?v=_5-bo8a4zU0) from the original on 4 December 2018. Retrieved 4 December 2018.
24. "Xiaomi Pocophone F1 camera review" (https://www.dxomark.com/xiaomi-pocophone-f1-camera-review/). *dxomark.com*. 29 January 2019. Archived (https://web.archive.org/web/20190130082716/https://www.dxomark.com/xiaomi-pocophone-f1-camera-review/) from the original on 30 January 2019. Retrieved 31 January 2019.
25. "Pocophone F1 long-term review" (https://www.gsmarena.com/pocophone_f1_long_term-review-1879.php). *GSMArena.com*. 2019-01-11. Retrieved 2024-04-02.

External links

- Official website (https://www.poco.net/global/)

Retrieved from "https://en.wikipedia.org/w/index.php?title=Xiaomi_Pocophone_F1&oldid=1361813822"